

C 385	16	100.0	253	14	AY329577	Hepatitis	C 458	16	100.0	390	14	AB167645	AB167645 Hepatitis
C 386	16	100.0	253	14	AY329578	Hepatitis	C 459	16	100.0	398	14	AB163790	AB163790 Hepatitis
C 387	16	100.0	253	14	AY329580	Hepatitis	C 460	16	100.0	398	14	AB163791	AB163791 Hepatitis
C 388	16	100.0	253	14	AY329581	Hepatitis	C 461	16	100.0	398	14	AB163792	AB163792 Hepatitis
C 389	16	100.0	253	14	AY329582	Hepatitis	C 462	16	100.0	398	14	AB163793	AB163793 Hepatitis
C 390	16	100.0	253	14	AY329583	Hepatitis	C 463	16	100.0	398	14	AB163794	AB163794 Hepatitis
C 391	16	100.0	253	14	AY329585	Hepatitis	C 464	16	100.0	398	14	AB163795	AB163795 Hepatitis
C 392	16	100.0	253	14	AY329586	Hepatitis	C 465	16	100.0	398	14	AB163796	AB163796 Hepatitis
C 393	16	100.0	253	14	AY329587	Hepatitis	C 466	16	100.0	398	14	AB163797	AB163797 Hepatitis
C 394	16	100.0	253	14	AY329588	Hepatitis	C 467	16	100.0	398	14	AB163798	AB163798 Hepatitis
C 395	16	100.0	253	14	AY329589	Hepatitis	C 468	16	100.0	398	14	AB163799	AB163799 Hepatitis
C 396	16	100.0	253	14	AY329590	Hepatitis	C 469	16	100.0	398	14	AB163800	AB163800 Hepatitis
C 397	16	100.0	253	14	AY329591	Hepatitis	C 470	16	100.0	398	14	AB163806	AB163806 Hepatitis
C 398	16	100.0	253	14	AY329592	Hepatitis	C 471	16	100.0	398	14	AB163807	AB163807 Hepatitis
C 399	16	100.0	253	14	AY329593	Hepatitis	C 472	16	100.0	398	14	AB163809	AB163809 Hepatitis
C 400	16	100.0	253	14	AY329594	Hepatitis	C 473	16	100.0	398	14	AB167548	AB167548 Hepatitis
C 401	16	100.0	253	14	AF276561	Hepatitis	C 474	16	100.0	398	14	AB167549	AB167549 Hepatitis
C 402	16	100.0	253	14	AF276562	Hepatitis	C 475	16	100.0	398	14	AB167550	AB167550 Hepatitis
C 403	16	100.0	253	14	AF276563	Hepatitis	C 476	16	100.0	398	14	AB167551	AB167551 Hepatitis
C 404	16	100.0	253	14	AF276564	Hepatitis	C 477	16	100.0	398	14	AB167553	AB167553 Hepatitis
C 405	16	100.0	253	14	AF276566	Hepatitis	C 478	16	100.0	398	14	AB167555	AB167555 Hepatitis
C 406	16	100.0	253	14	AF276567	Hepatitis	C 479	16	100.0	398	14	AB167557	AB167557 Hepatitis
C 407	16	100.0	256	14	AF276569	Hepatitis	C 480	16	100.0	398	14	AB167560	AB167560 Hepatitis
C 408	16	100.0	256	14	AF276570	Hepatitis	C 481	16	100.0	398	14	AB167562	AB167562 Hepatitis
C 409	16	100.0	256	14	AF276571	Hepatitis	C 482	16	100.0	398	14	AB167565	AB167565 Hepatitis
C 410	16	100.0	256	14	AF276572	Hepatitis	C 483	16	100.0	398	14	AB167567	AB167567 Hepatitis
C 411	16	100.0	256	14	AF276573	Hepatitis	C 484	16	100.0	398	14	AB167569	AB167569 Hepatitis
C 412	16	100.0	256	14	AF276574	Hepatitis	C 485	16	100.0	398	14	AB167568	AB167568 Hepatitis
C 413	16	100.0	256	14	AF276575	Hepatitis	C 486	16	100.0	398	14	AB167575	AB167575 Hepatitis
C 414	16	100.0	256	14	AF276576	Hepatitis	C 487	16	100.0	398	14	AB167570	AB167570 Hepatitis
C 415	16	100.0	256	14	AF276577	Hepatitis	C 488	16	100.0	398	14	AB167573	AB167573 Hepatitis
C 416	16	100.0	256	14	AF276578	Hepatitis	C 489	16	100.0	398	14	AB167574	AB167574 Hepatitis
C 417	16	100.0	256	14	AF276579	Hepatitis	C 490	16	100.0	398	14	AB167575	AB167575 Hepatitis
C 418	16	100.0	256	14	AF276580	Hepatitis	C 491	16	100.0	398	14	AB167576	AB167576 Hepatitis
C 419	16	100.0	256	14	AF276581	Hepatitis	C 492	16	100.0	398	14	AB167577	AB167577 Hepatitis
C 420	16	100.0	256	14	AF276582	Hepatitis	C 493	16	100.0	398	14	AB167578	AB167578 Hepatitis
C 421	16	100.0	256	14	AF276583	Hepatitis	C 494	16	100.0	398	14	AB167580	AB167580 Hepatitis
C 422	16	100.0	256	14	AF276584	Hepatitis	C 495	16	100.0	398	14	AB167582	AB167582 Hepatitis
C 423	16	100.0	256	14	AF276584	Hepatitis	C 496	16	100.0	398	14	AB167588	AB167588 Hepatitis
C 424	16	100.0	291	6	BD004811	BD004811 Composite	C 497	16	100.0	398	14	AB167591	AB167591 Hepatitis
C 425	16	100.0	294	14	AF389988	Hepatitis	C 498	16	100.0	398	14	AB167592	AB167592 Hepatitis
C 426	16	100.0	294	14	AF389989	Hepatitis	C 499	16	100.0	398	14	AB167594	AB167594 Hepatitis
C 427	16	100.0	294	14	AF389990	Hepatitis	C 500	16	100.0	398	14	AB167597	AB167597 Hepatitis
C 428	16	100.0	294	14	AF389991	Hepatitis	C 501	16	100.0	398	14	AB167599	AB167599 Hepatitis
C 429	16	100.0	294	14	AF389992	Hepatitis	C 502	16	100.0	398	14	AB167598	AB167598 Hepatitis
C 430	16	100.0	294	14	AF389994	Hepatitis	C 503	16	100.0	398	14	AB167599	AB167599 Hepatitis
C 431	16	100.0	294	14	AF389995	Hepatitis	C 504	16	100.0	398	14	AB167601	AB167601 Hepatitis
C 432	16	100.0	294	14	AF389997	Hepatitis	C 505	16	100.0	398	14	AB167602	AB167602 Hepatitis
C 433	16	100.0	294	14	AF389998	Hepatitis	C 506	16	100.0	398	14	AB167603	AB167603 Hepatitis
C 434	16	100.0	294	14	AF389999	Hepatitis	C 507	16	100.0	398	14	AB167604	AB167604 Hepatitis
C 435	16	100.0	294	14	AF390000	Hepatitis	C 508	16	100.0	398	14	AB167605	AB167605 Hepatitis
C 436	16	100.0	294	14	AF390001	Hepatitis	C 509	16	100.0	398	14	AB167606	AB167606 Hepatitis
C 437	16	100.0	294	14	AF390002	Hepatitis	C 510	16	100.0	398	14	AB167607	AB167607 Hepatitis
C 438	16	100.0	294	14	AF390003	Hepatitis	C 511	16	100.0	398	14	AB167608	AB167608 Hepatitis
C 439	16	100.0	294	14	AF390004	Hepatitis	C 512	16	100.0	398	14	AB167609	AB167609 Hepatitis
C 440	16	100.0	294	14	AF390005	Hepatitis	C 513	16	100.0	398	14	AB167610	AB167610 Hepatitis
C 441	16	100.0	294	14	AF390006	Hepatitis	C 514	16	100.0	398	14	AB167612	AB167612 Hepatitis
C 442	16	100.0	332	14	HPBHBDF	HPBHBDF	C 515	16	100.0	398	14	AB167613	AB167613 Hepatitis
C 443	16	100.0	332	14	HPBHBEX	HPBHBEX	C 516	16	100.0	398	14	AB167615	AB167615 Hepatitis
C 444	16	100.0	333	14	HPBHBXA	HPBHBXA	C 517	16	100.0	398	14	AB167617	AB167617 Hepatitis
C 445	16	100.0	333	14	HPBHBXB	HPBHBXB	C 518	16	100.0	398	14	AB167618	AB167618 Hepatitis
C 446	16	100.0	333	14	HPBHBXC	HPBHBXC	C 519	16	100.0	398	14	AB167620	AB167620 Hepatitis
C 447	16	100.0	333	14	HPBHBXD	HPBHBXD	C 520	16	100.0	398	14	AB167622	AB167622 Hepatitis
C 448	16	100.0	333	14	HPBHBXE	HPBHBXE	C 521	16	100.0	398	14	AB167623	AB167623 Hepatitis
C 449	16	100.0	333	14	HPBHBXF	HPBHBXF	C 522	16	100.0	398	14	AB167624	AB167624 Hepatitis
C 450	16	100.0	333	14	HPBHBEG	HPBHBEG	C 523	16	100.0	398	14	AB167627	AB167627 Hepatitis
C 451	16	100.0	333	14	HPBHBHJ	HPBHBHJ	C 524	16	100.0	398	14	AB167628	AB167628 Hepatitis
C 452	16	100.0	357	14	AY269107	Hepatitis	C 525	16	100.0	398	14	AB167632	AB167632 Hepatitis
C 453	16	100.0	384	14	AY269133	Hepatitis	C 526	16	100.0	398	14	AB167633	AB167633 Hepatitis
C 454	16	100.0	388	14	AB167644	Hepatitis	C 527	16	100.0	398	14	AB167634	AB167634 Hepatitis
C 455	16	100.0	388	14	AB167646	Hepatitis	C 528	16	100.0	398	14	AB167635	AB167635 Hepatitis
C 456	16	100.0	390	6	AI8228	AI8228 HBV core (a	C 529	16	100.0	398	14	AB167636	AB167636 Hepatitis
C 457	16	100.0	390	6	BD004816	BD004816 Composite	C 530	16	100.0	398	14	AB167637	AB167637 Hepatitis

C 531	16	100.0	398	14	AB167638	AB167638 Hepatitis	C 604	16	100.0	507	14	AB073441	AB073441 Hepatitis
C 532	16	100.0	398	14	AB167639	AB167639 Hepatitis	C 605	16	100.0	507	14	AB073442	AB073442 Hepatitis
C 533	16	100.0	398	14	AB167640	AB167640 Hepatitis	C 606	16	100.0	507	14	AB073443	AB073443 Hepatitis
C 534	16	100.0	398	14	AB167643	AB167643 Hepatitis	C 607	16	100.0	507	14	AB073444	AB073444 Hepatitis
C 535	16	100.0	401	14	AB169103	AB169103 Hepatitis	C 608	16	100.0	507	14	AB073445	AB073445 Hepatitis
C 536	16	100.0	406	14	AB163782	AB163782 Hepatitis	C 609	16	100.0	507	14	AB073446	AB073446 Hepatitis
C 537	16	100.0	406	14	AB163783	AB163783 Hepatitis	C 610	16	100.0	507	14	AB073447	AB073447 Hepatitis
C 538	16	100.0	406	14	AB163784	AB163784 Hepatitis	C 611	16	100.0	507	14	AB073448	AB073448 Hepatitis
C 539	16	100.0	406	14	AB163785	AB163785 Hepatitis	C 612	16	100.0	507	14	AB073449	AB073449 Hepatitis
C 540	16	100.0	406	14	AB163786	AB163786 Hepatitis	C 613	16	100.0	507	14	AB073450	AB073450 Hepatitis
C 541	16	100.0	406	14	AB163787	AB163787 Hepatitis	C 614	16	100.0	515	14	HBPCOREA	HBPCOREA
C 542	16	100.0	406	14	AB163788	AB163788 Hepatitis	C 615	16	100.0	517	14	HBESB1298	HBESB1298 Hepatitis
C 543	16	100.0	406	14	AB163789	AB163789 Hepatitis	C 616	16	100.0	524	14	AY269124	AY269124 Hepatitis
C 544	16	100.0	406	14	AB163811	AB163811 Hepatitis	C 617	16	100.0	525	14	HBPCOREA	HBPCOREA
C 545	16	100.0	406	14	AB163813	AB163813 Hepatitis	C 618	16	100.0	528	14	HBPCOREA	HBPCOREA
C 546	16	100.0	406	14	AB163815	AB163815 Hepatitis	C 619	16	100.0	534	6	A18216	A18216 HBV core 10
C 547	16	100.0	406	14	AB163818	AB163818 Hepatitis	C 620	16	100.0	534	6	A18217	A18217 HBV core 10
C 548	16	100.0	406	14	AB163819	AB163819 Hepatitis	C 621	16	100.0	534	6	E10004	E10004 Human Hbe a
C 549	16	100.0	407	14	AY691500	AY691500 Hepatitis	C 622	16	100.0	534	6	BD004804	BD004804 Compositi
C 550	16	100.0	408	14	AY269123	AY269123 Hepatitis	C 623	16	100.0	540	6	BD004805	BD004805 Compositi
C 551	16	100.0	409	14	AY269138	AY269138 Hepatitis	C 624	16	100.0	540	14	AY269114	AY269114 Hepatitis
C 552	16	100.0	417	14	AB163781	AB163781 Hepatitis	C 625	16	100.0	543	14	AB073430	AB073430 Hepatitis
C 553	16	100.0	454	14	S74181	S74181 core protei	C 626	16	100.0	543	14	AB073432	AB073432 Hepatitis
C 554	16	100.0	456	14	AY094580	AY094580 Hepatitis	C 627	16	100.0	543	14	AB073433	AB073433 Hepatitis
C 555	16	100.0	456	14	AY509203	AY509203 Hepatitis	C 628	16	100.0	543	14	AB073434	AB073434 Hepatitis
C 556	16	100.0	456	14	AY509204	AY509204 Hepatitis	C 629	16	100.0	543	14	AB073435	AB073435 Hepatitis
C 557	16	100.0	456	14	AY509205	AY509205 Hepatitis	C 630	16	100.0	543	14	AB073438	AB073438 Hepatitis
C 558	16	100.0	456	14	AY509206	AY509206 Hepatitis	C 631	16	100.0	543	14	AB073440	AB073440 Hepatitis
C 559	16	100.0	456	14	AY509208	AY509208 Hepatitis	C 632	16	100.0	543	14	AB073450	AB073450 Hepatitis
C 560	16	100.0	469	14	AB067454	AB067454 Hepatitis	C 633	16	100.0	543	14	AB073451	AB073451 Hepatitis
C 561	16	100.0	469	14	AB067457	AB067457 Hepatitis	C 634	16	100.0	543	14	AB073452	AB073452 Hepatitis
C 562	16	100.0	470	14	AB067455	AB067455 Hepatitis	C 635	16	100.0	543	14	AB073453	AB073453 Hepatitis
C 563	16	100.0	470	14	AB067458	AB067458 Hepatitis	C 636	16	100.0	543	14	AB073454	AB073454 Hepatitis
C 564	16	100.0	470	14	AB067459	AB067459 Hepatitis	C 637	16	100.0	543	14	AB073455	AB073455 Hepatitis
C 565	16	100.0	470	14	AB067460	AB067460 Hepatitis	C 638	16	100.0	543	14	AB073456	AB073456 Hepatitis
C 566	16	100.0	470	14	AB067461	AB067461 Hepatitis	C 639	16	100.0	543	14	AB073457	AB073457 Hepatitis
C 567	16	100.0	470	14	AB067462	AB067462 Hepatitis	C 640	16	100.0	543	14	AB073458	AB073458 Hepatitis
C 568	16	100.0	471	14	AB067456	AB067456 Hepatitis	C 641	16	100.0	543	14	AB073459	AB073459 Hepatitis
C 569	16	100.0	471	14	AP335747	AP335747 Hepatitis	C 642	16	100.0	543	14	HBPCOREA	HBPCOREA
C 570	16	100.0	474	14	AY269122	AY269122 Hepatitis	C 643	16	100.0	544	14	HBPCOREA	HBPCOREA
C 571	16	100.0	474	14	AY269130	AY269130 Hepatitis	C 644	16	100.0	548	14	AY382500	AY382500 Hepatitis
C 572	16	100.0	477	6	A22546	A22546 Hepatitis B	C 645	16	100.0	548	14	AY382501	AY382501 Hepatitis
C 573	16	100.0	481	14	HBPA3932	HBPA3932 Hepatitis	C 646	16	100.0	548	14	AY382502	AY382502 Hepatitis
C 574	16	100.0	484	14	S49614	S49614 precocore/cor	C 647	16	100.0	548	14	AY382503	AY382503 Hepatitis
C 575	16	100.0	484	14	S49626	S49626 precocore/cor	C 648	16	100.0	548	14	AY382505	AY382505 Hepatitis
C 576	16	100.0	488	14	AY270537	AY270537 Hepatitis	C 649	16	100.0	548	14	AY382506	AY382506 Hepatitis
C 577	16	100.0	488	14	AY274413	AY274413 Hepatitis	C 650	16	100.0	548	14	AY382507	AY382507 Hepatitis
C 578	16	100.0	488	14	AY274415	AY274415 Hepatitis	C 651	16	100.0	548	14	AY382508	AY382508 Hepatitis
C 579	16	100.0	488	14	AY274416	AY274416 Hepatitis	C 652	16	100.0	548	14	AY382509	AY382509 Hepatitis
C 580	16	100.0	488	14	AY274417	AY274417 Hepatitis	C 653	16	100.0	548	14	AY382510	AY382510 Hepatitis
C 581	16	100.0	488	14	AY274418	AY274418 Hepatitis	C 654	16	100.0	548	14	AY382514	AY382514 Hepatitis
C 582	16	100.0	488	14	AY274420	AY274420 Hepatitis	C 655	16	100.0	548	14	AY382521	AY382521 Hepatitis
C 583	16	100.0	488	14	AY274421	AY274421 Hepatitis	C 656	16	100.0	548	14	AY382522	AY382522 Hepatitis
C 584	16	100.0	488	14	AY274422	AY274422 Hepatitis	C 657	16	100.0	548	14	AY382523	AY382523 Hepatitis
C 585	16	100.0	488	14	AY274423	AY274423 Hepatitis	C 658	16	100.0	548	14	AY382524	AY382524 Hepatitis
C 586	16	100.0	488	14	AY274424	AY274424 Hepatitis	C 659	16	100.0	548	14	AY382525	AY382525 Hepatitis
C 587	16	100.0	488	14	AY274425	AY274425 Hepatitis	C 660	16	100.0	548	14	AY382526	AY382526 Hepatitis
C 588	16	100.0	488	14	AY274426	AY274426 Hepatitis	C 661	16	100.0	548	14	AY382527	AY382527 Hepatitis
C 589	16	100.0	488	14	AY274427	AY274427 Hepatitis	C 662	16	100.0	552	14	AF335744	AF335744 Hepatitis
C 590	16	100.0	488	14	AY274428	AY274428 Hepatitis	C 663	16	100.0	554	14	AV718924	AV718924 Hepatitis
C 591	16	100.0	488	14	AY274429	AY274429 Hepatitis	C 664	16	100.0	555	14	HBPCOREA	HBPCOREA
C 592	16	100.0	488	14	AY274430	AY274430 Hepatitis	C 665	16	100.0	557	14	AY269129	AY269129 Hepatitis
C 593	16	100.0	488	14	AY274431	AY274431 Hepatitis	C 666	16	100.0	559	14	AY254507	AY254507 Hepatitis
C 594	16	100.0	488	14	AY274432	AY274432 Hepatitis	C 667	16	100.0	560	6	BD185873	BD185873 A stabl11
C 595	16	100.0	488	14	AY274433	AY274433 Hepatitis	C 668	16	100.0	560	6	BD185874	BD185874 A stabl11
C 596	16	100.0	488	14	AY274434	AY274434 Hepatitis	C 669	16	100.0	564	14	AY269141	AY269141 Hepatitis
C 597	16	100.0	488	14	AY274436	AY274436 Hepatitis	C 670	16	100.0	573	14	AY221624	AY221624 Hepatitis
C 598	16	100.0	488	14	AY274437	AY274437 Hepatitis	C 671	16	100.0	581	14	HBVNC	HBVNC
C 599	16	100.0	493	14	S79556	S79556 X, prec the	C 672	16	100.0	581	14	HBVNC	HBVNC
C 600	16	100.0	494	14	AV718679	AV718679 Hepatitis	C 673	16	100.0	581	14	HBVNC	HBVNC
C 601	16	100.0	507	14	AB073436	AB073436 Hepatitis	C 674	16	100.0	582	14	HBPCOREA	HBPCOREA
C 602	16	100.0	507	14	AB073437	AB073437 Hepatitis	C 675	16	100.0	587	14	HBVNC	HBVNC
C 603	16	100.0	507	14	AB073439	AB073439 Hepatitis	C 676	16	100.0	587	14	HBVNC	HBVNC

C 677	16	100.0	588	6	A18252	A18252_10aa_recore	C 750	16	100.0	639	14	AF157024	AF157024 Hepatitis
C 678	16	100.0	588	6	BD004835	BD004835 Compositi	C 751	16	100.0	639	14	AF157025	AF157025 Hepatitis
C 679	16	100.0	595	14	AB067463	AB067463 Hepatitis	C 752	16	100.0	639	14	AF335738	AF335738 Hepatitis
C 680	16	100.0	609	14	AF289934	AF289934 Hepatitis	C 753	16	100.0	639	14	AF335740	AF335740 Hepatitis
C 681	16	100.0	609	14	AF289935	AF289935 Hepatitis	C 754	16	100.0	639	14	AF335741	AF335741 Hepatitis
C 682	16	100.0	609	14	AF289936	AF289936 Hepatitis	C 755	16	100.0	639	14	AF335742	AF335742 Hepatitis
C 683	16	100.0	609	14	AF289937	AF289937 Hepatitis	C 756	16	100.0	639	14	AF335745	AF335745 Hepatitis
C 684	16	100.0	609	14	AF289938	AF289938 Hepatitis	C 757	16	100.0	639	14	AF335746	AF335746 Hepatitis
C 685	16	100.0	609	14	AF289939	AF289939 Hepatitis	C 758	16	100.0	639	14	AF335748	AF335748 Hepatitis
C 686	16	100.0	609	14	AF289940	AF289940 Hepatitis	C 759	16	100.0	639	14	AF335749	AF335749 Hepatitis
C 687	16	100.0	609	14	AF289941	AF289941 Hepatitis	C 760	16	100.0	639	14	AF335750	AF335750 Hepatitis
C 688	16	100.0	609	14	AF289942	AF289942 Hepatitis	C 761	16	100.0	639	14	AF335751	AF335751 Hepatitis
C 689	16	100.0	609	14	AF289943	AF289943 Hepatitis	C 762	16	100.0	639	14	AF335752	AF335752 Hepatitis
C 690	16	100.0	609	14	AF289944	AF289944 Hepatitis	C 763	16	100.0	639	14	AF335753	AF335753 Hepatitis
C 691	16	100.0	609	14	AF289945	AF289945 Hepatitis	C 764	16	100.0	639	14	AF335754	AF335754 Hepatitis
C 692	16	100.0	609	14	AF289946	AF289946 Hepatitis	C 765	16	100.0	639	14	AF419513	AF419513 Hepatitis
C 693	16	100.0	609	14	AF289947	AF289947 Hepatitis	C 766	16	100.0	639	14	AF419514	AF419514 Hepatitis
C 694	16	100.0	609	14	AF289948	AF289948 Hepatitis	C 767	16	100.0	639	14	AF419515	AF419515 Hepatitis
C 695	16	100.0	609	14	AF289949	AF289949 Hepatitis	C 768	16	100.0	639	14	AF419516	AF419516 Hepatitis
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ALIGNMENTS

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DEFINITION A66874
ACCESSION A66874.1 GI:4538245
VERSION
KEYWORDS
ORGANISM unidentified
SOURCE unidentified
REFERENCE 1 (bases 1 to 16)
AUTHORS unclassified.
TITLE
JOURNAL METHOD FOR TYPING AND DETECTING HBV
Patent: WO 9740193-A 41 30-OCT-1997;
INNOGENETICS NV (BE)
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DEFINITION Sequence 48 from patent US 5646262.
ACCESSION 155199

VERSION 155199.1 GI:2476402
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 16)
AUTHORS Korb, B.E. and Gerin, J.L.
TITLE Antisense oligonucleotides against hepatitis B viral replication
JOURNAL Patent: US 5646262-A 48 08-JUL-1997;
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ACCESSION AR271346
VERSION AR271346.1 GI:29702721
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 16)
AUTHORS Korb, B.E. and Gerin, J.L.
TITLE Antisense oligonucleotides against Hepatitis B viral replication
JOURNAL Patent: US 6503533-A 48 07-JAN-2003;
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DEFINITION Sequence 41 from patent US 6709812.
ACCESSION AR488376
VERSION AR488376.1 GI:47254428
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 16)
AUTHORS Stuyver, L., Roseau, R. and Maertens, G.
TITLE Method for typing and detecting HBV
JOURNAL Patent: US 6709812-A 41 23-MAR-2004;
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VERSION	165373.1		
KEYWORDS	GI:2481943		
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	1 (bases 1 to 18)		
AUTHORS	Birkenmeyer, L. and Mushahwar, I.K.		
TITLE	Method for detecting nucleic acid sequences using competitive amplification		
JOURNAL	Patent: US 5667974-A 22 16-SEP-1997;		
FEATURES	Location/Qualifiers		
source	1..18		
ORIGIN	1..18		
Query Match	100.0%;	Score 16;	DB 6;
Best Local Similarity	100.0%;	Pred. No. 58;	
Matches 16;	Conservative 0;	Mismatches 0;	Indels 0;
Gap			
Db	1	AAAGCCACCCAAAGCA	16
QY	1	AAAGCCACCCAAAGCA	16
LOCUS	165373	18 bp	DNA
DEFINITION	Sequence 22 from patent US 5667974.	18 bp	DNA
ACCESSION	165373		
VERSION	165373.1		
KEYWORDS	GI:2481943		
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	1 (bases 1 to 18)		
AUTHORS	Birkenmeyer, L. and Mushahwar, I.K.		
TITLE	Method for detecting nucleic acid sequences using competitive amplification		
JOURNAL	Patent: US 5667974-A 22 16-SEP-1997;		
FEATURES	Location/Qualifiers		
source	1..18		
ORIGIN	1..18		
Query Match	100.0%;	Score 16;	DB 6;
Best Local Similarity	100.0%;	Pred. No. 58;	
Matches 16;	Conservative 0;	Mismatches 0;	Indels 0;
Gap			
Db	1	AAAGCCACCCAAAGCA	16
QY	1	AAAGCCACCCAAAGCA	16
LOCUS	165373	18 bp	DNA
DEFINITION	Sequence 22 from patent US 5667974.	18 bp	DNA
ACCESSION	165373		
VERSION	165373.1		
KEYWORDS	GI:2481943		
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	1 (bases 1 to 18)		
AUTHORS	Birkenmeyer, L. and Mushahwar, I.K.		
TITLE	Method for detecting nucleic acid sequences using competitive amplification		
JOURNAL	Patent: US 5667974-A 22 16-SEP-1997;		
FEATURES	Location/Qualifiers		
source	1..18		
ORIGIN	1..18		

DEFINITION	Sequence	49	from patent US 6709812.
ACCESSION	AR488384		
VERSION	AR488384.1	GI:47254436	
KEYWORDS			
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	Unclassified.		
AUTHORS	1 (bases 1 to 18)		
TITLE	Stuyver, L., Roosaau, R. and Maertens, G.		
JOURNAL	Method for typing and detecting HBV		
FEATURES	Patent: US 6709812-A 49 23-MAR-2004;		
source	Location/Qualifiers		
	1..18		
	/organism="unknown"		
	/mol_type="genomic DNA"		
ORIGIN			
Query Match	100.0%;	Score 16;	DB 6; Length 18;
Best Local Similarity	100.0%;	Pred. No. 58;	
Matches	16;	Conservative 0;	Mismatches 0; Indels 0; Gaps 0;
QY	1 AAAGCCACCCAGGCA 16		
DB	1 AAAGCCACCCAGGCA 16		
RESULT 8			
LOCUS	165372	19 bp	DNA
DEFINITION	Sequence 21 from patent US 5667974.		linear PAT 07-OCT-1997
ACCESSION	165372		
VERSION	165372.1	GI:2481942	
KEYWORDS			
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	Unclassified.		
AUTHORS	1 (bases 1 to 19)		
TITLE	Birkenmeyer, L. and Mushahwar, I.K.		
JOURNAL	Method for detecting nucleic acid sequences using competitive		
FEATURES	amplification		
source	Patent: US 5667974-A 21 16-SEP-1997;		
	Location/Qualifiers		
	1..19		
	/organism="unknown"		
	/mol_type="unassigned DNA"		
ORIGIN			
Query Match	100.0%;	Score 16;	DB 6; Length 19;
Best Local Similarity	100.0%;	Pred. No. 58;	
Matches	16;	Conservative 0;	Mismatches 0; Indels 0; Gaps 0;
QY	1 AAAGCCACCCAGGCA 16		
DB	18 AAAGCCACCCAGGCA 3		
RESULT 9			
LOCUS	165376	19 bp	DNA
DEFINITION	Sequence 25 from patent US 5667974.		linear PAT 07-OCT-1997
ACCESSION	165376		
VERSION	165376.1	GI:2481946	
KEYWORDS			
SOURCE	Unknown.		
ORGANISM	Unknown.		
REFERENCE	Unclassified.		
AUTHORS	1 (bases 1 to 19)		
TITLE	Birkenmeyer, L. and Mushahwar, I.K.		
JOURNAL	Method for detecting nucleic acid sequences using competitive		
FEATURES	amplification		
source	Patent: US 5667974-A 25 16-SEP-1997;		
	Location/Qualifiers		
	1..19		

ORIGIN /organism="unknown"
/mol_type="unassigned DNA"

Query Match 100.0%; Score 16; DB 6; Length 19;
Best Local Similarity 100.0%; Pred. No. 58;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAAGCCACCCAGGCA 16
|||||
DB 18 AAAGCCACCCAGGCA 3

RESULT 10
LOCUS A18805 20 bp DNA linear PAT 22-APR-1994
DEFINITION oligonucleotide primer.
ACCESSION A18805
VERSION A18805.1 GI:513426
KEYWORDS
SOURCE synthetic construct
ORGANISM other sequences; artificial sequences.

REFERENCE 1 (bases 1 to 20)
AUTHORS
TITLE PROGNOSIS OF HEPATITIS INFECTION
JOURNAL Patent: WO 91/4789-A 2 03-OCT-1991;
FEATURES Location/Qualifiers
source 1..20

ORIGIN /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 100.0%; Score 16; DB 6; Length 20;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAAGCCACCCAGGCA 16
|||||
DB 19 AAAGCCACCCAGGCA 4

RESULT 11
LOCUS A18806 20 bp DNA linear PAT 22-APR-1994
DEFINITION oligonucleotide primer.
ACCESSION A18806
VERSION A18806.1 GI:513427
KEYWORDS
SOURCE synthetic construct
ORGANISM other sequences; artificial sequences.

REFERENCE 1 (bases 1 to 20)
AUTHORS
TITLE PROGNOSIS OF HEPATITIS INFECTION
JOURNAL Patent: WO 91/4789-A 3 03-OCT-1991;
FEATURES Location/Qualifiers
source 1..20

ORIGIN /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

Query Match 100.0%; Score 16; DB 6; Length 20;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAAGCCACCCAGGCA 16
|||||
DB 19 AAAGCCACCCAGGCA 4

RESULT 12
LOCUS AR086981 20 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 18 from patent US 5985662.
ACCESSION AR086981
VERSION AR086981.1 GI:10013747
KEYWORDS
SOURCE Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Anderson, K.P. and Cowser, L.M.
JOURNAL Antisense inhibition of hepatitis B virus replication
Patent: US 5985662-A 18 16-NOV-1999;
FEATURES Location/Qualifiers
source 1..20

ORIGIN /organism="unknown"
/mol_type="unassigned DNA"

Query Match 100.0%; Score 16; DB 6; Length 20;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAAGCCACCCAGGCA 16
|||||
DB 1 AAAGCCACCCAGGCA 16

RESULT 13
LOCUS E08672 20 bp DNA linear PAT 29-SEP-1997
DEFINITION PCR primer for gaining polypeptide from x protein of Hepatitis B
virus.
ACCESSION E08672
VERSION E08672.1 GI:2176785
KEYWORDS JP 1995033797-A/5.
SOURCE unidentified
ORGANISM unidentified

REFERENCE 1 (bases 1 to 20)
AUTHORS Uchida, T. and Shikata, T.
TITLE HEPATITIS B VIRUS-DERIVED POLYPEPTIDE AND GENE CODING THE SAME
JOURNAL POLYPEPTIDE
Patent: JP 1995033797-A 5 03-FEB-1995;
COMMENT MITSUBISHI CHEM CORP

OS None
OC Artificial sequences.
PN JP 1995033797-A/5
PD 03-FEB-1995
PF 21-JUL-1993 JP 1993180314
PC UCHIDA TOSHITAKU SHIKATA TOSHIO
C07K14/02,C12N15/09,C12P21/02,G01N33/53,G01N33/569,G01N33/576;
CC strandedness: Single;
CC topology: linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key Location/Qualifiers
FT source 1..20
FT /organism="Artificial sequences" FT
FT misc_feature 1..20 /note="Primer p205".

FEATURES
source Location/Qualifiers
1..20 /note="Primer p205".
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

ORIGIN

Query Match 100.0%; Score 16; DB 6; Length 20;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
| | | | | | | | | | | | | | | | | | | | | |
Db 3 AAAGCACCACCAAGCA 18

RESULT 14
AR086970
LOCUS AR086970 21 bp DNA linear PAT 07-SEP-2000
DEFINITION Sequence 7 from patent US 5985662.
ACCESSION AR086970
VERSION AR086970.1 GI:10013736
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
1 (bases 1 to 21)
AUTHORS Anderson,K.P. and Cowser,T.M.
TITLE Antisense inhibition of hepatitis B virus replication
JOURNAL Patent: US 5985662-A 7 16-NOV-1999;
FEATURES
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
| | | | | | | | | | | | | | | | | | | | | |
Db 3 AAAGCACCACCAAGCA 18

RESULT 15
I55196
LOCUS I55196 21 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 45 from patent US 5646262.
ACCESSION I55196
VERSION I55196.1 GI:2476399
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
1 (bases 1 to 21)
AUTHORS Korba,B.E. and Gerin,J.L.
TITLE Antisense oligonucleotides against hepatitis B viral replication
JOURNAL Patent: US 5646262-A 45 08-JUL-1997;
FEATURES
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AAAGCACCACCAAGCA 16

RESULT 16
I55198
LOCUS I55198 21 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 47 from patent US 5646262.
ACCESSION I55198
VERSION I55198.1 GI:2476401
KEYWORDS
SOURCE Unknown.
ORGANISM

REFERENCE Unclassified.
1 (bases 1 to 21)
AUTHORS Korba,B.E. and Gerin,J.L.
TITLE Antisense oligonucleotides against hepatitis B viral replication
JOURNAL Patent: US 5646262-A 47 08-JUL-1997;
FEATURES
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
| | | | | | | | | | | | | | | | | | | | | |
Db 6 AAAGCACCACCAAGCA 21

RESULT 17
I92344
LOCUS I92344 21 bp DNA linear PAT 01-DEC-1998
DEFINITION Sequence 5 from patent US 5728518.
ACCESSION I92344
VERSION I92344.1 GI:3936814
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
1 (bases 1 to 21)
AUTHORS Carmichael,B.
TITLE Antiviral poly-and oligonucleotides
JOURNAL Patent: US 5728518-A 5 17-MAR-1998;
FEATURES
source
1..21
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
| | | | | | | | | | | | | | | | | | | | | |
Db 6 AAAGCACCACCAAGCA 21

RESULT 18
AR271343
LOCUS AR271343 21 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 45 from patent US 6503533.
ACCESSION AR271343
VERSION AR271343.1 GI:29702718
KEYWORDS
SOURCE Unknown.
ORGANISM
REFERENCE Unclassified.
1 (bases 1 to 21)
AUTHORS Korba,B.E. and Gerin,J.L.
TITLE Antisense oligonucleotides against Hepatitis B viral replication
JOURNAL Patent: US 6503533-A 45 07-JAN-2003;
FEATURES
source
1..21
/organism="unknown"
/mol_type="genomic DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAAGCCACCCAGGCA 16
|||||
Db 1 AAAGCCACCCAGGCA 16

RESULT 19
LOCUS AR271345 21 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 47 from patent US 6503533.
ACCESSION AR271345
VERSION AR271345.1 GI:29702720
KEYWORDS

SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Korb,B.E. and Gerin,J.L.
TITLE Antisense oligonucleotides against Hepatitis B viral replication
JOURNAL Patent: US 6503533-A 47 07-JAN-2003;
FEATURES Location/Qualifiers
source 1..21
/organism="unknown"
/mol_type="genomic DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 21;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAAGCCACCCAGGCA 16
|||||
Db 6 AAAGCCACCCAGGCA 21

RESULT 20
LOCUS A18804 23 bp DNA linear PAT 22-APR-1994
DEFINITION Oligonucleotide primer.
ACCESSION A18804
VERSION A18804.1 GI:513425
KEYWORDS
SOURCE synthetic construct
ORGANISM other sequences; artificial sequences.
REFERENCE 1 (bases 1 to 23)
AUTHORS
TITLE PROGNOSIS OF HEPATITIS INFECTION
JOURNAL Patent: WO 9114789-A 1 03-OCT-1991;
FEATURES Location/Qualifiers
source 1..23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 23;
Best Local Similarity 100.0%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAAGCCACCCAGGCA 16
|||||
Db 19 AAAGCCACCCAGGCA 4

RESULT 21
LOCUS AR000182 23 bp DNA linear PAT 04-DEC-1998
DEFINITION Sequence 13 from patent US 5736334.
ACCESSION AR000182
VERSION AR000182.1 GI:3962713
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 23)
TITLE Nucleotide sequences and process for amplifying and detection of hepatitis B viral DNA
JOURNAL Patent: US 5736334-A 13 07-APR-1998;
FEATURES Location/Qualifiers
source 1..23
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 23;
Best Local Similarity 100.0%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAAGCCACCCAGGCA 16
|||||
Db 23 AAAGCCACCCAGGCA 8

RESULT 22
LOCUS E09725/c 23 bp DNA linear PAT 29-SEP-1997
DEFINITION Primer OAL41 for gaining variant DNA fragment(SD4b) of human hepatitis B virus precore region.
ACCESSION E09725
VERSION E09725.1 GI:22026354
KEYWORDS JP 1995203972-A/1.
SOURCE unidentified
ORGANISM unclassified.

REFERENCE 1 (bases 1 to 23)
AUTHORS Kinoshita,M., Senoo,T., Fukui,T., Hatama,T. and Shin,T.
TITLE DNA FRAGMENT OF B TYPE HEPATITIS VIRUS
JOURNAL Patent: JP 1995203972-A 1 08-AUG-1995;
COMMENT OTSUKA PHARMACEUT CO LTD
OS None
OC Artificial sequences.
PD JP 1995203972-A/1
PN 08-AUG-1995
PF 07-JAN-1994 JP 1994000515
PI KINOSHITA MORITOSHI, SENOO TAMIKO, FUKUI TAKASHI, HATAMA TOORU, PI SHIN TEIKIN
PC C12N15/09,C12Q1/68,C12Q1/70;
CC strandedness: Single;
CC topology: linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key
FH Location/Qualifiers
FT source 1..23
FT /organism="Artificial sequences".
FT Location/Qualifiers
1..23
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

FEATURES
source
1..23
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 23;
Best Local Similarity 100.0%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AAAGCCACCCAGGCA 16
|||||
Db 22 AAAGCCACCCAGGCA 7

RESULT 23
LOCUS AX250613/c 23 bp DNA linear PAT 05-OCT-2001
DEFINITION Sequence 9 from Patent WO0168921.

ACCESSION AX250613
VERSION AX250613.1 GI:15984357
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Koshinsky,H., Zwick,M.S. and McCue,K.F.
TITLE Compositions and methods for simultaneous detection of multiple
JOURNAL biological entities
Patent: WO 0168921-A 9 20-SEP-2001;
Investigen (US)
FEATURES
source Location/Qualifiers
1..23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="PCR Primer"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 23;
Best Local Similarity 100.0%; Pred. No. 56;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AAAGCCACCCCAAGCA 16
Db 23 AAAGCCACCCCAAGCA 8
RESULT 24
165370/c 165370 44 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 19 from patent US 5667974.
ACCESSION 165370
VERSION 165370.1 GI:2481940
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 44)
AUTHORS Birkenmeyer,L. and Mushahwar,I.K.
TITLE Method for detecting nucleic acid sequences using competitive
JOURNAL amplification
Patent: US 5667974-A 19 16-SEP-1997;
FEATURES Location/Qualifiers
1..44
/organism="unknown"
/mol_type="unassigned DNA"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 44;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AAAGCCACCCCAAGCA 16
Db 18 AAAGCCACCCCAAGCA 3
RESULT 25
165371/c 165371 44 bp DNA linear PAT 07-OCT-1997
DEFINITION Sequence 20 from patent US 5667974.
ACCESSION 165371
VERSION 165371.1 GI:2481941
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 44)
AUTHORS Birkenmeyer,L. and Mushahwar,I.K.
TITLE Method for detecting nucleic acid sequences using competitive
amplification

JOURNAL Patent: US 5667974-A 20 16-SEP-1997;
FEATURES Location/Qualifiers
1..44
/organism="unknown"
/mol_type="unassigned DNA"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 44;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AAAGCCACCCCAAGCA 16
Db 18 AAAGCCACCCCAAGCA 3
RESULT 26
AR000194/c AR000194 50 bp DNA linear PAT 04-DEC-1998
LOCUS AR000194/c
DEFINITION Sequence 25 from patent US 5736334.
ACCESSION AR000194
VERSION AR000194.1 GI:3962725
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 50)
AUTHORS Spies,U.
TITLE Nucleotide sequences and process for amplifying and detection of
JOURNAL hepatitis B viral DNA
Patent: US 5736334-A 25 07-APR-1998;
FEATURES Location/Qualifiers
1..50
/organism="unknown"
/mol_type="unassigned DNA"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 50;
Best Local Similarity 100.0%; Pred. No. 49;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AAAGCCACCCCAAGCA 16
Db 23 AAAGCCACCCCAAGCA 8
RESULT 27
AR279728/c AR279728 61 bp DNA linear PAT 10-APR-2003
LOCUS AR279728/c
DEFINITION Sequence 3 from patent US 6518014.
ACCESSION AR279728
VERSION AR279728.1 GI:29714871
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 61)
AUTHORS Seifer,M., Hamatake,R. and Standing,D.N.
TITLE Hepadnavirus cores
JOURNAL Patent: US 6518014-A 3 11-FEB-2003;
FEATURES Location/Qualifiers
1..61
/organism="unknown"
/mol_type="genomic DNA"
ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 61;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 AAAGCCACCCCAAGCA 16
Db 49 AAAGCCACCCCAAGCA 34

RESULT 28
LOCUS 123307/c
DEFINITION Sequence 10 from patent US 5532124.
ACCESSION 123307
VERSION 123307.1 GI:1603177
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 69)
AUTHORS Block,T.M. and Grafstrom,R.H.
TITLE Genetically engineered bacteria to identify and produce medically important agents
JOURNAL Patent: US 5532124-A 10 02-JUL-1996;
COMMENT On Oct 7, 1996 this sequence version replaced gi:1603169.
FEATURES
source 1. .69
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 69;
Best Local Similarity 100.0%; Pred. No. 47;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCCCAAGCA 16
Db 55 AAAGCCACCCCAAGCA 40

RESULT 29
LOCUS AR028629/c
DEFINITION Sequence 12 from patent US 5858732.
ACCESSION AR028629
VERSION AR028629.1 GI:5940602
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 72)
AUTHORS Solomon,N.A. and Bouma,S.R.
TITLE Wide dynamic range nucleic acid detection using an aggregate primer series
JOURNAL Patent: US 5858732-A 12 12-JAN-1999;
FEATURES
source 1. .72
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 72;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCCCAAGCA 16
Db 33 AAAGCCACCCCAAGCA 18

RESULT 30
LOCUS 192348/c
DEFINITION Sequence 9 from patent US 5728518.
ACCESSION 192348
VERSION 192348.1 GI:3936818
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.

81 bp DNA linear PAT 01-DEC-1998

REFERENCE 1 (bases 1 to 81)
AUTHORS Carmichael,E.
TITLE Antiviral poly-and oligonucleotides
JOURNAL Patent: US 5728518-A 9 17-MAR-1998;
FEATURES
source 1. .81
/organism="unknown"
/mol_type="unassigned DNA"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 81;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCCCAAGCA 16
Db 49 AAAGCCACCCCAAGCA 34

RESULT 31
LOCUS E10006/c
DEFINITION Human HBV PreCore gene.
ACCESSION E10006
VERSION E10006.1 GI:2202630
KEYWORDS JP 1995252300-A/14.
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
REFERENCE 1 (bases 1 to 87)
AUTHORS Okamoto,H.
TITLE ANTIGEN FUSED PROTEIN FROM DUCK HEPATITIS VIRUS AND HUMAN HEPATITIS VIRUS AND ITS PRODUCTION
JOURNAL Patent: JP 1995252300-A 14 03-OCT-1995;
COMMENT IMMUNO JAPAN:KK
OS Hepatitis B virus
PN JP 1995252300-A/14
PD 03-OCT-1995
PF 11-MAR-1994 JP 1994079181
PI OKAMOTO HIROAKI
PC C07K19/00,C07K4/02,C07K6/08,C12N7/02,C12N15/09,G01N33/569,
PC G01N33/576;
CC strandedness: Single;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key
FH Location/Qualifiers
FT source 1. .87
/organism='Hepatitis B virus'.
Location/Qualifiers
1. .87
/organism="Hepatitis B virus"
/mol_type="genomic DNA"
/db_xref="taxon:10407"

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 87;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCCCAAGCA 16
Db 82 AAAGCCACCCCAAGCA 67

RESULT 32
LOCUS AX151115/c
DEFINITION Sequence 4 from Patent WO0138498.
ACCESSION AX151115
VERSION AX151115.1 GI:1453317
KEYWORDS

87 bp DNA linear PAT 22-JUN-2001

SOURCE synthetic construct
 ORGANISM synthetic construct
 other sequences, artificial sequences.

REFERENCE 1
 AUTHORS Stuyver, L., Schinazi, R., de Gendt, S., van Geyt, C., Zoulim, F.,
 Fried, M., and Roseau, R.
 TITLE A new genotype of hepatitis B virus
 JOURNAL Patent: WO 0138498-A 4 31-MAY-2001;
 Pharmasset, Inc. (US) ; INNOGENETICS N.V. (BE)
 FEATURES location/Qualifiers
 source 1..87
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"

ORIGIN
 Query Match 100.0%; Score 16; DB 6; Length 87;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
 Db 82 AAAGCACCACCAAGCA 67

RESULT 33
 HBPBREC 87 bp DNA linear VRL 02-AUG-1993
 LOCUS Hepatitis B virus pre-nucleocapsid protein (C gene) region, 3' end.
 DEFINITION M33947.1 GI:329693
 ACCESSION M33947.1
 VERSION nucleocapsid protein.
 KEYWORDS Hepatitis B virus
 SOURCE Hepatitis B virus
 ORGANISM Hepatitis B virus
 Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
 REFERENCE 1 (bases 1 to 87)
 AUTHORS Okamoto, H., Yotsunoto, S., Akahane, Y., Yamana, T., Miyazaki, Y.,
 Sugai, Y., Tsuda, F., Tanaka, T., Miyakawa, Y., and Mayumi, M.
 TITLE Hepatitis B viruses with precore region defects prevail in
 persistently infected hosts along with seroconversion to the
 antibody against e antigen
 JOURNAL J. Virol. 64 (3), 1298-1303 (1990)
 MEDLINE 9016530
 PUBMED 2304145
 COMMENT Original source text: Hepatitis B virus DNA.
 FEATURES location/Qualifiers
 source 1..87
 /organism="Hepatitis B virus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10407"
 1..>87
 /note="pre-nucleocapsid protein"
 /codon_start=1
 /protein_id="AAA4506.1"
 /db_xref="GI:329694"
 /translation="MQLFHLCLILSCSCTVQAQSKLGLWG"
 2
 /note="c in wt; c in mutant (b)"
 3
 /note="g in wt; a in mutant (c)"
 12..13
 /note="tc in wt; ttc in mutant (f)"
 26..27
 /note="tc in wt; ttc in mutant (e)"
 83
 /note="g in wt; a in mutant (a)"
 86..87
 /note="gc in wt; ca in mutant (d)"

ORIGIN
 Query Match 100.0%; Score 16; DB 14; Length 87;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
 Db 82 AAAGCACCACCAAGCA 67

RESULT 34
 S64971 87 bp DNA linear VRL 26-OCT-1993
 LOCUS {G to A mutation at residue 83, precore region} [hepatitis B virus
 DEFINITION HBV, Genomic Mutant, 87 nt].
 ACCESSION S64971
 VERSION S64971.1 GI:409521
 KEYWORDS Hepatitis B virus
 SOURCE Hepatitis B virus
 ORGANISM Hepatitis B virus
 Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
 REFERENCE 1 (bases 1 to 87)
 AUTHORS Yoshida, M., Sekiyama, K., Iwabuchi, S., Takatori, M., Tanaka, Y.,
 Uchikoshi, T., Okamoto, H., Inoue, K., and Sugata, F.
 TITLE Recurrent fulminant hepatic failure in an HB carrier after
 intensive chemotherapy
 JOURNAL Dig. Dis. Sci. 38 (9), 1751-1755 (1993)
 MEDLINE 93365357
 PUBMED 8359090
 REMARK Genbank staff at the National Library of Medicine created this
 entry [NCBI githbg 136879] from the original journal article.
 FEATURES location/Qualifiers
 source 1..87
 /organism="Hepatitis B virus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10407"

ORIGIN
 Query Match 100.0%; Score 16; DB 14; Length 87;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCACCACCAAGCA 16
 Db 82 AAAGCACCACCAAGCA 67

RESULT 35
 S75619 90 bp DNA linear VRL 05-MAY-2003
 LOCUS precore region: precore, core [hepatitis B virus HBV, host-human,
 DEFINITION patient 1 isolate, genomic, 90 nt].
 ACCESSION S75619
 VERSION S75619.1 GI:914014
 KEYWORDS Hepatitis B virus
 SOURCE Hepatitis B virus
 ORGANISM Hepatitis B virus
 Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
 REFERENCE 1 (bases 1 to 90)
 AUTHORS Yeh, C.T., Chiu, C.T., Tsai, S.L., Hong, S.T., Chu, C.M., and Liaw, Y.F.
 TITLE Absence of precore stop mutant in chronic dual (B and C) and triple
 (B, C, and D) hepatitis virus infection
 JOURNAL J. Infect. Dis. 170 (6), 1582-1585 (1994)
 MEDLINE 95088443
 PUBMED 7995999
 REMARK Genbank staff at the National Library of Medicine created this
 entry [NCBI githbg 161193] from the original journal article.
 FEATURES location/Qualifiers
 source 1..90
 /organism="Hepatitis B virus"
 /mol_type="genomic DNA"
 /db_xref="taxon:10407"
 1..>90
 /gene="precore"
 1..>90
 /gene="precore"

ORIGIN
 Query Match 100.0%; Score 16; DB 14; Length 87;
 Best Local Similarity 100.0%; Pred. No. 45;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

CC hypothetical: No;
FH anti-sense: No;
FH Key Location/Qualifiers
FT source 1..94
replace(83,'g') /phenotype='wild type'.
FT mutation
Location/Qualifiers
1..94
/organism='Hepatitis B virus'
/mol_type='genomic DNA'
/db_xref='taxon:10407'

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 94;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCAAGCA 16
|||
Db 69 AAAGCCACCAAGCA 54

RESULT 39
E12997 94 bp DNA linear PAT 27-APR-1998
LOCUS E12997/c
DEFINITION DNA encoding Pre C region of Hepatitis B virus.
ACCESSION E12997
VERSION E12997.1 GI:3251821
KEYWORDS JP 1997121862-A/6.
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
Virus; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
REFERENCE 1 (bases 1 to 94)
AUTHORS Kinoshita, M. and Kateuragi, T.
TITLE HUMAN HEPATITIS B VIRUS DNA
JOURNAL Patent: JP 1997121862-A 6 13-MAY-1997;
OTSUKA PHARMACEUT CO LTD
OS Hepatitis B virus
PN JP 1997121862-A/6
PD 13-MAY-1997
PF 02-NOV-1995 JP 1995285699
PI KINOSHITA MORITOSHI, KATSURAGI TOSHINORI
PC C12N15/09, C07H21/04, C12Q1/68, G01N33/569, G01N15/09,
C12R1/92;
CC strandedness: Double;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key Location/Qualifiers
FT source 1..94
FT Location/Qualifiers
1..94
/organism='Hepatitis B virus'
/mol_type='genomic DNA'
/db_xref='taxon:10407'

FEATURES
source
Location/Qualifiers
1..94
/organism='Hepatitis B virus'
/mol_type='genomic DNA'
/db_xref='taxon:10407'

ORIGIN
Query Match 100.0%; Score 16; DB 6; Length 94;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCAAGCA 16
|||
Db 69 AAAGCCACCAAGCA 54

RESULT 40
HBPBPCA/c
LOCUS HBPBPCA 99 bp DNA linear VRL 11-MAY-1994

DEFINITION Hepatitis B virus type1 precore protein (pre-C region, C) gene, 5' end.
ACCESSION M76687
VERSION M76687.1 GI:485341
KEYWORDS e antigen; precore protein; tolerogen.
SOURCE Hepatitis B virus
ORGANISM Hepatitis B virus
Virus; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
REFERENCE 1 (bases 1 to 99)
AUTHORS Santantonio, T., Jung, M.C., Miska, S., Pastore, G., Pape, G.R. and Will, H.
TITLE Prevalence and type of pre-C HBV mutants in anti-HBe positive carriers with chronic liver disease in a highly endemic area
JOURNAL Virology 183 (2), 840-844 (1991)
MEDLINE 91306476
PUBMED 1853582
COMMENT Original source text: Hepatitis B virus DNA.
FEATURES
source Location/Qualifiers
1..99
/organism='Hepatitis B virus'
/mol_type='genomic DNA'
/db_xref='taxon:10407'
10..93
/gene='C'
10..93
/gene='C'
/standard_name='pre-C region'
/codon_start=1
/product='precore protein'
/protein_id='AAA4507.1'
/db_xref='GI:485342'
/translation='MQLPHLLILISGCPYQASRLCLGWL'
92
/gene='C'
/note='g in wt; a in virus type 1 (creates internal stop codon)'

ORIGIN
Query Match 100.0%; Score 16; DB 14; Length 99;
Best Local Similarity 100.0%; Pred. No. 44;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AAAGCCACCAAGCA 16
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Db 91 AAAGCCACCAAGCA 76

Search completed: April 6, 2005, 19:00:46
Job time : 6744 secs

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